

Converting Colors

Hex(FA8A00)

Have a look what the booklet for
Hex(FA8A00) contains.

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Color

Hex(FA8A00)

Conversions

Conversions Part 1

Format	Color
Hex	FA8A00
RGB	250, 138, 0
RGB Percent	98%, 54%, 0%
CMY	0.0196, 0.4588, 1.0000
CMYK	0.00, 0.45, 1.00, 0.02
HSL	33°, 100%, 49%
HSV	33°, 100%, 98%
XYZ	48.5128, 38.5010, 4.8745
YIQ	155.7560, 111.0500, -19.1740

Conversions

Conversions Part 2

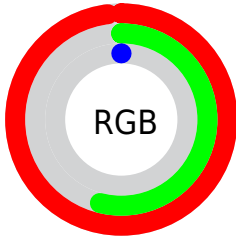
Format	Color
R _Y B	203, 250, 0
Decimal	16419328
CIE Lab	68.39, 35.84, 74.48
CIE LCh	68, 82.657, 64.302
Yxy	38.5010, 0.5280, 0.4190
Android (android.graphics.Color)	4294609408 (0xFFFA8A00)
YUV	155.7560, -76.7877, 82.6520
Hunter-Lab	62.0491, 30.9734, 38.7766

Details

The Hex color **FA8A00** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **0070FA**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFC04A**, and **BA5700** is the 20% darker color. If you saturate the color by 10%, you get **FA8A00**, and if you desaturate by 10%, it is **FA9519**.

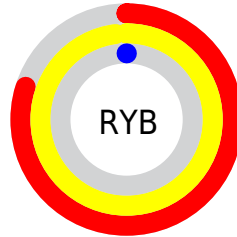
Distribution



Red (98%)

Green (54%)

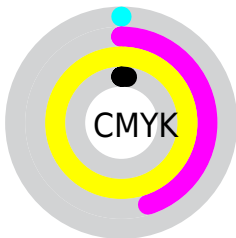
Blue (0%)



Red (80%)

Yellow (98%)

Blue (0%)

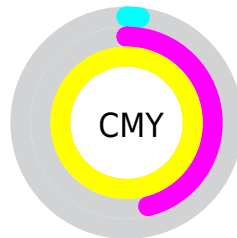


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color FA8A00 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FA8A00 by changing the saturation by 10% instead.

 FA8A00

 FA8A00

FFFFFF

 DA7000

 FFC04A

 BA5700

 FFDC66

 9B3E00

 FFF982

 7C2500

 FFFF9E

 5F0A00

 FFFFBA

 420000

 FFFFD7

 2A0001

 FFFFF4

 000000

 FA8A00

 FA9519

 FAA032

 FAAC4B

 FAB764

 FAC27D

 FACD96

 FAD8AF

 FAE4C8

 FAEFE1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FF6657



FA8A00



BEA700

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FA8A00



00C8B0



B28DFE

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



FA8A00



0070FA

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00ADFF



FA8A00



00C7FA

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



FA8A00



00C462



00BFFF



FF67E9

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FA8A00



8DB500



00BFFF



8399FF

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FA8A00



FFDDB3



FA0070



806B52



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FA8A00



FF8D00



EEFA00



7D7770



BD6800



3D2200

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



0070FA



0072FF



0D00FA



70767D



0055BD



001B3D

Previews

White Background



This preview shows how the Hex color FA8A00 looks on a white background.

Color Contrast Check

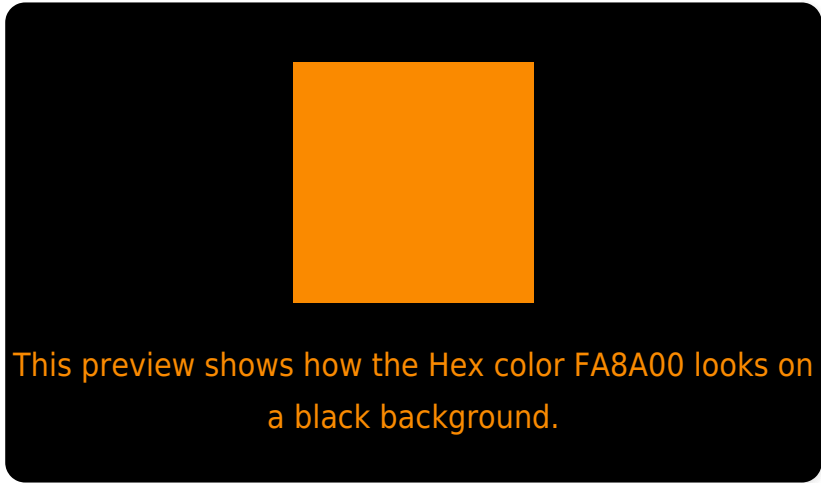
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FA8A00 Background



This preview shows how black text looks on a background with the Hex color FA8A00.



This preview shows how white text looks on a background with the Hex color FA8A00.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
FA8A00

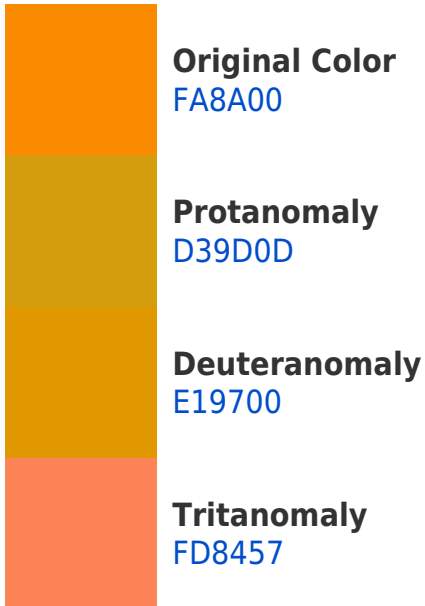
Protanopia
BDA814

Deuteranopia
D39F00



Tritanopia
FF8089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FA8A00 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FA8A00 looks like.

```
.text, #text, p{  
    color:#FA8A00  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FA8A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA8A00
}
```

Border

The CSS property to change the border of an element to Hex FA8A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FA8A00 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FA8A00 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FA8A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA8A00; -webkit-box-shadow:4px 4px  
4px 4px #FA8A00; box-shadow:4px 4px 4px  
4px #FA8A00 }
```

Background

The CSS property to change the background color of an element to Hex FA8A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA8A00 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FA8A00 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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